



US Army Corps
of Engineers®

Nashville District

Public Notice

Public Notice No. 07-34A

Date: May 11, 2007

Expires: May 26, 2007

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214
Attn: Floyd M. Carnes

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
AND
COMMONWEALTH OF KENTUCKY

SUBJECT: Proposed Boat Launching Ramp and Access Road at
Alligator Creek Mile 0.2, Right Bank, Cumberland River Mile
476.2, Right Bank, Lake Cumberland, Russell County, Kentucky

TO ALL CONCERNED: In compliance with **Section 404 of the Clean Water Act (CWA)**, notice is hereby given that the Nashville District Corps of Engineers (Corps) proposes to discharge fill material associated with the construction of a boat launching ramp and associated access road at Alligator Creek Mile 0.2, Right Bank, Cumberland River Mile 476.2, Right Bank, Lake Cumberland, Russell County, Kentucky. Before the discharge can be undertaken, certification must be provided by the Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet, Division of Water, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the Corps hereby applies for the required certification.

APPLICANT: U.S. Army Corps of Engineers, Nashville District
P.O. Box 1070
Nashville, Tennessee 37202

LOCATION: Alligator Creek Mile 0.2, Right Bank, Cumberland River
Mile 476.2, Right Bank, Lake Cumberland, Russell County, Kentucky
(USGS ELI, KY Quadrangle; Long: 84-55-31.9; Lat: 37-0-30.2)

BACKGROUND: The Corps has lowered Lake Cumberland to Elevation 680.0 from its normal Elevation of 723.0 to relieve stress on Wolf Creek Dam and facilitate remedial work. This Public Notice supersedes the previous Public Notice 07-34. The proposed work would be done by the Corps.

DESCRIPTION: The proposed work consists of constructing a new concrete public boat ramp at the existing Alligator One Dock. The existing ramp at this site is unusable and cannot be extended. The ramp would measure approximately 288' x 28' would extend to bottom Elevation 674.0. The ramp would be constructed in two sections. A 243' x 28' slab would be poured above proposed low water elevation of 680.0. The secondary slab measuring 45' x 28' would be pushed into place after curing. All concrete would be class "A" 4,000 PSI and reinforced with fiberglass mesh. Eight linear feet of riprap would be placed on either side of the ramp to prevent undercutting and provide stabilization. A 30' x 44' rock extension would be placed at the end of the ramp. The rock used at the extension would be class II rock. In addition to the ramp, an access road would be constructed. The access road would be approximately 24' wide and 440' long. Silt will be mucked out of the foundation of the fill area. Culverts sized to accommodate the flow from the drainage area would be installed on the base of the fill. Class III stone would be placed in the fill foundation, and smaller material would be used as the fill comes up on the causeway. The access road would be below Elevation 723.0. Quantities of excavation and fill are shown on the attached plans. (Consideration is being given to the relocation of Alligator One Dock to another site. If the relocation occurs, this proposed new ramp would be operated by the Corps as a public ramp until a federal, state or local government requests a change.)

Plans of the proposed work are attached to this notice.

This Public Notice serves to request comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received during the public notice comment period will be considered in the National Environmental Policy Act. Comments are used to assess impacts on conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, endangered species, historic properties, water quality, general environmental effects, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

In addition to consideration of other factors of the public interest, the review process includes application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the

CWA (40 CFR Part 230). The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Based on available information, the proposed work will not destroy or endanger any federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals may be required for the proposed work. Water quality certification from the Commonwealth of Kentucky is required in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before **May 26, 2007**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Floyd M. Carnes, at the above address, telephone (615) 369-7503.

If you received this notice by mail and wish to view all of the diagrams, visit our web site at:
<http://www.lrn.usace.army.mil/cof/notices.htm>, or contact Mr. Carnes at the above address or phone number.



USGS TOPOGRAPHICAL MAP

ELI, KY

PROJECT LOCATION

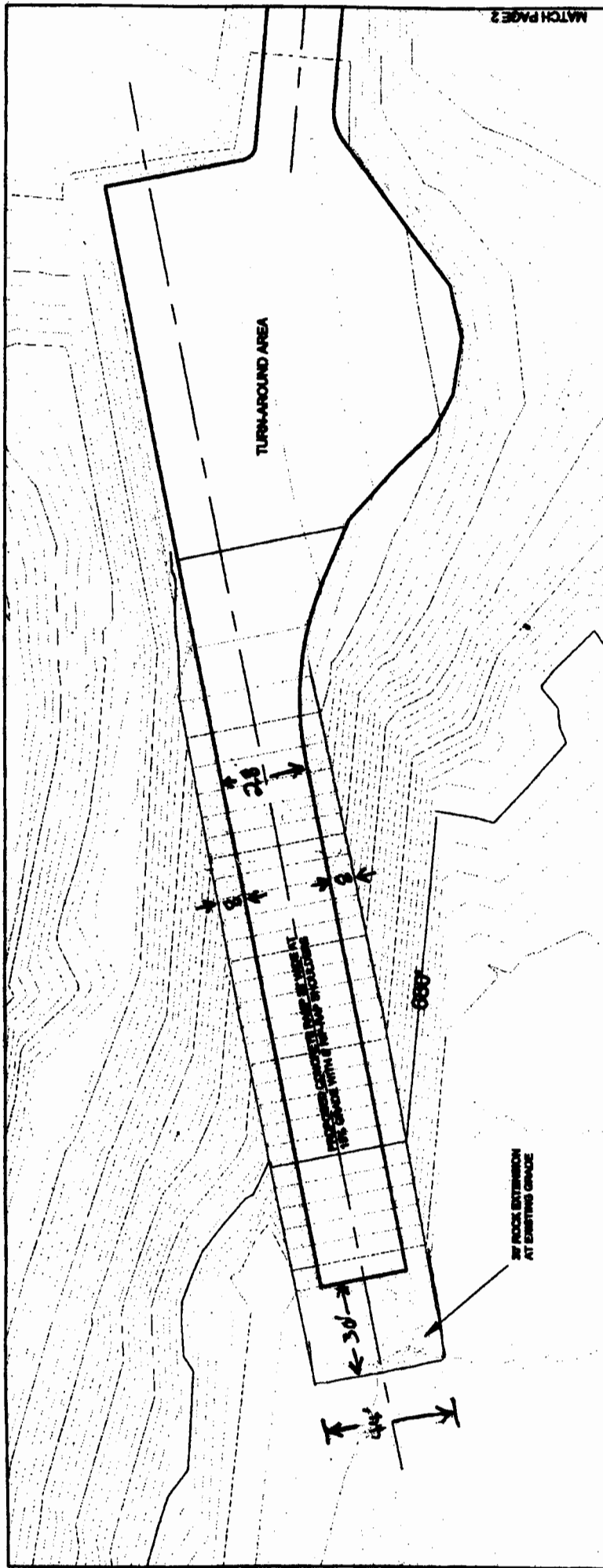
FILE NO. 200700658

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EXHIBIT A

USGS TOPOGRAPHICAL MAP

JABEZ, KY



MATCH PAGE 2

PLAN SHEET #1

ALLIGATOR 1 BOAT RAMP PLANS
LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF
ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY

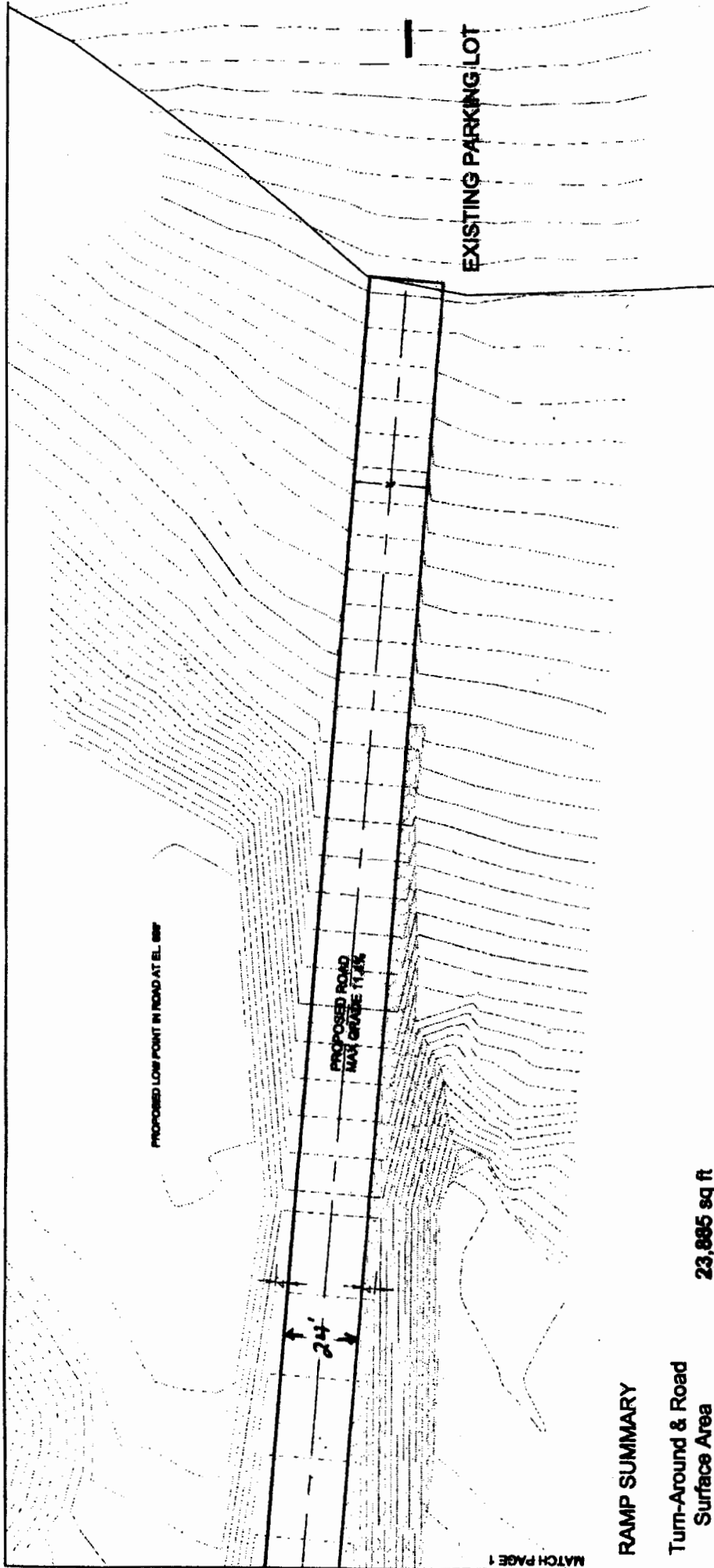
PROJECT NO.	K. A. P.	DESIGNED BY	COMMONWEALTH OF KENTUCKY
DATE		SCALE	1" = 20'
APPROVED BY		CONCRETE CONTRACTOR	KENTUCKY DIVISION OF HIGHWAYS
		DESIGNED BY	TRANSPORTATION, KENTUCKY
		FILE NO.	

AGENCY	APPROVED FOR PROJECT	DATE
AUTHORIZED AGENT		
DIVISION OF		
ENGINEERING		
	APPROVED FOR PROJECT	DATE

FILE NO. 200700685

PN 07-34A

EXHIBIT B



RAMP SUMMARY

Turn-Around & Road

Surface Area

Concrete

Surface Area

Class III Rock

Class II Rock

D.G.A.

#2 Rock

#9 Rock

Concrete

Earthen Cut

Earthen Fill

Guard Rail

23,885 sq ft

5,823 sq ft

2,000 cu yds

627 cu yds

300 cu yds

300 cu yds

6 cu yds

110 cu yds

2,970 cu yds

2,295 cu yds

828 ft

PLAN SHEET #2

ALLIGATOR 1 BOAT RAMP PLANS
LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF
ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY

DATE: _____
K. A. P. COMMONWEALTH OF KENTUCKY
DRAWING NO. _____
SCALE: 1" = 30'

DESIGNED BY: _____
CHECKED BY: _____
APPROVED BY: _____
DIVISION OF FISH AND WILDLIFE
DIVISION OF ENGINEERING
FRANKFORT, KENTUCKY

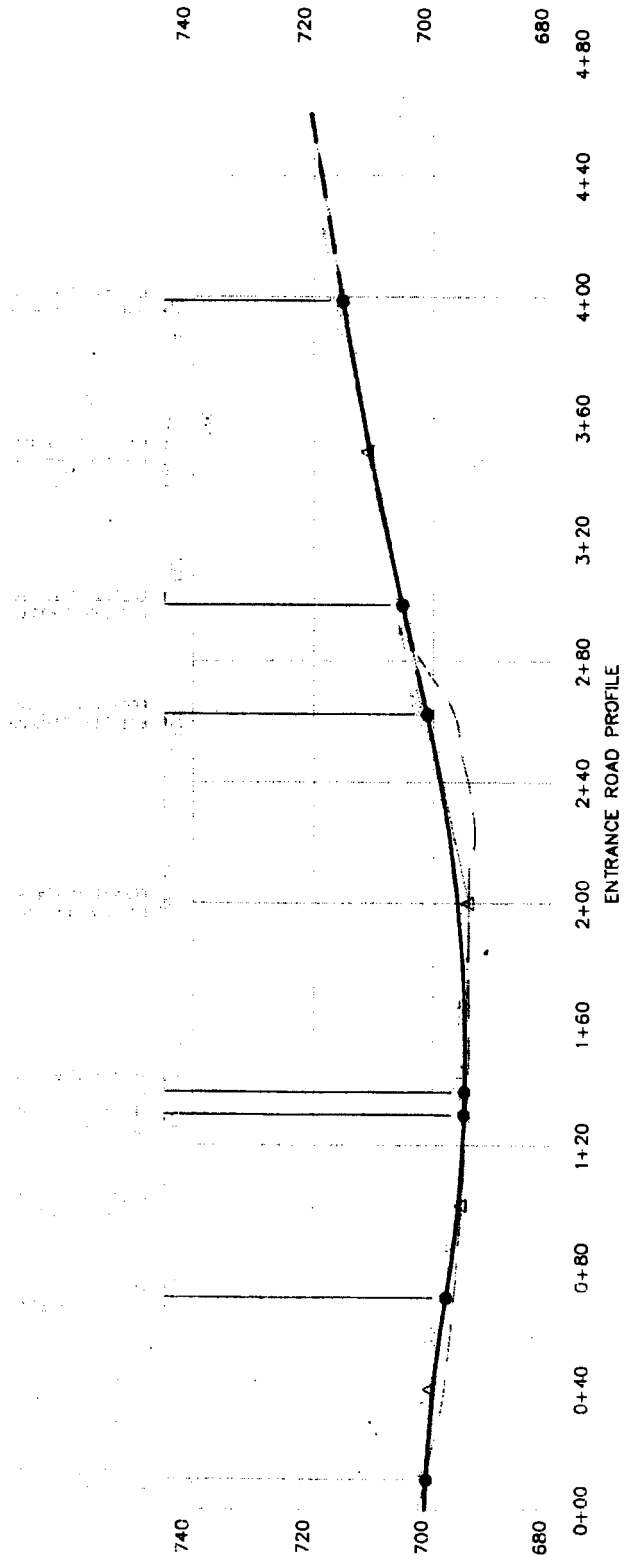
AGENCY: _____
AUTHORIZED AGENT: _____
DATE: _____

APPROVED FOR PRESENT CONCEPT ONLY: _____
DATE: _____

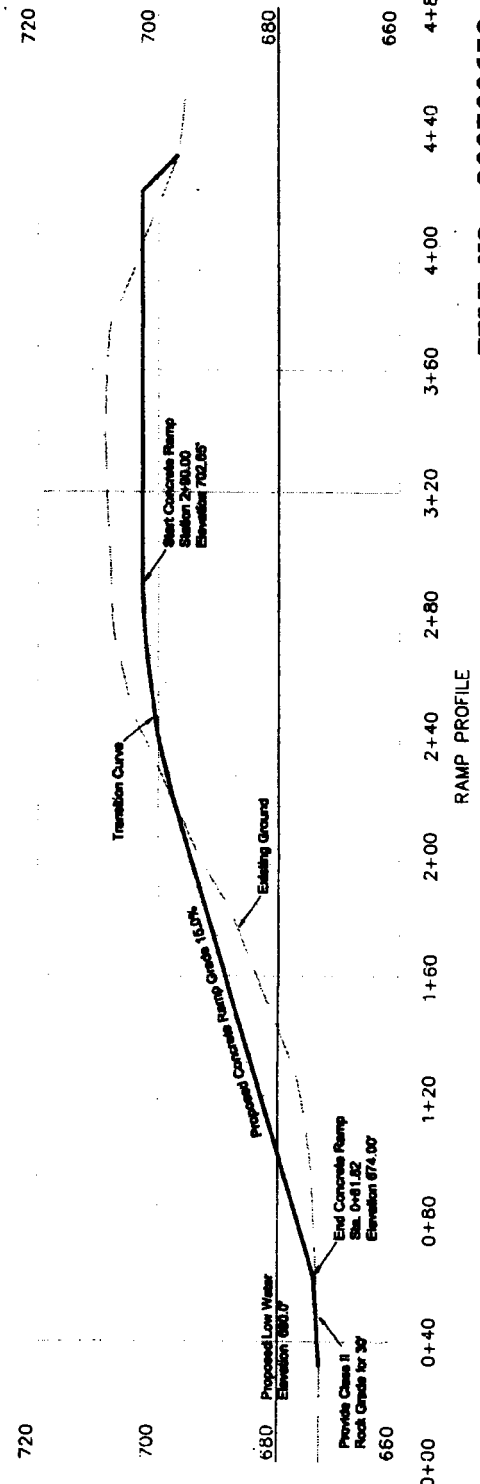
FILE NO. 200700658

PN 07-34A

EXHIBIT C



All excavated material shall be used as fill for the entrance roadway and turn-around.



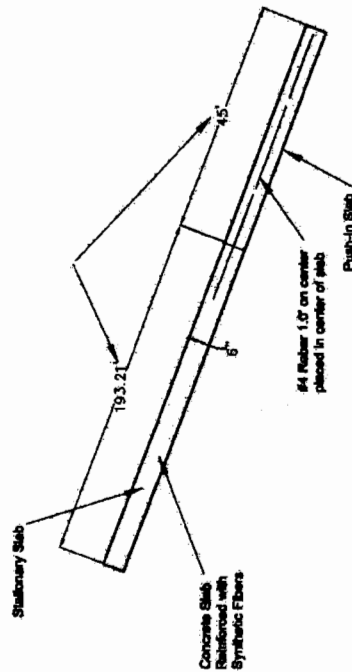
PROFILE SHEET			
ALLIGATOR 1 BOAT RAMP PLANS LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY			
DESIGNED BY K. A. P.	CHECKED BY COMMONWEALTH OF KENTUCKY	DATE	PROJECT NO. OF
DATE	CONVEYANCE DIVISION OF ENGINEERING	FILE NO.	SCALE
APPROVED FOR PROJECT CONCEPT ONLY		DATE	

FILE NO. 200700658

PN 07-34A

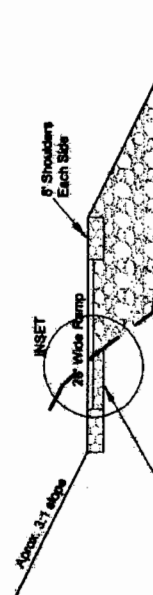
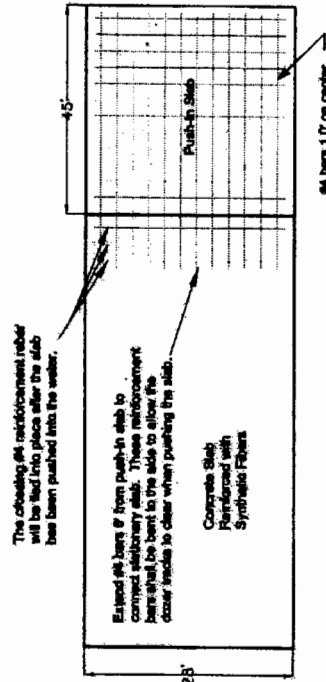
EXHIBIT D

A pad of approximately 3" of DGA will be placed under the stationary slab to prevent bonding to the subbase.



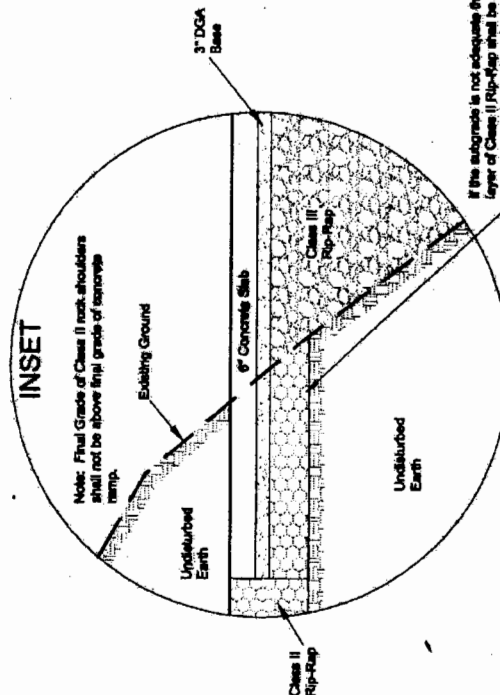
Notes

1. Place a layer of #6 alone covered with 2 sheets of 4 mil plastic under push-in slab to prevent bonding and enable movement of the slab.
2. The 2nd header board will remain on the upper end of the push-in slab to keep from damaging the slab during placement with a dumper. It is recommended to bring the reinforcement steel out of the push-in slab 3' from the bottom of the slab to allow more of the 2nd header to be exposed.



TYPICAL CROSS SECTION

If the subgrade is not adequate then a layer of Class II Rip-Map shall be placed to provide a sufficient base for the rock trucks and concrete slab.



TYPICAL DETAIL SHEET

ALLIGATOR 1 BOAT RAMP PLANS
LOCATED ON LAKE CUMBERLAND AT THE MOUTH OF
ALLIGATOR CREEK IN RUSSELL COUNTY KENTUCKY

COMMONWEALTH OF KENTUCKY	DRAWING NO. OF
K. A. P.	
DRAWN BY	
ALLIGATOR CREEK IN RUSSELL COUNTY, KENTUCKY	

REVIEWED BY: DIV. OF ENGR. COMMERCE CABINET DEPARTMENT OF FISH AND WILDLIFE DIVISION OF ENGINEERING FRANKFORT, KENTUCKY FILE NAME

AGENCY _____ APPROVE FOR PROGRAM CONCEPT ONLY _____ DATE _____
DIVISION OF _____
ENGINEERING _____ APPROVE FOR PROGRAM CONCEPT ONLY _____ DATE _____

FILE NO. 200700658

PN 07-34A

EXHIBIT E

CONCRETE SURFACE DETAIL

All concrete walls have 1.4"x0.7" grooves (8" on center) in the ramp surfaces. The grooves shall be assigned 110 degrees from the edge of ramp to allow for surface drainage and better traction. A stair grooving is complete a light brown finish should be applied.